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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/031,090	01/15/2002	Gerald Adolph Colman	RCA 89413	5993

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EXAMINER

DESIR, JEAN WICEL

ART UNIT	PAPER NUMBER
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2614

DATE MAILED: 09/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/031,090

Applicant(s)

COLMAN ET AL.

Examiner

Jean W. Désir

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 15 January 2002, Pre-Amendment.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-9, 11-15 is/are rejected.
- 7) ☒ Claim(s) 4, 10 and 16 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) \*
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this

Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim 1 is rejected under 35 U.S.C. 102(a) as being anticipated by the Background of the Invention.

Claim 1:

The claimed “a video decoder coupled to the processing circuitry and adapted to process the analog television signal, the video decoder adapted to provide luminance signal restoration and configured with a luminance voltage offset reference terminal adapted to aid in the luminance signal restoration; and a circuit for luminance signal restoration in an analog television signal video decoder which is coupled to the luminance voltage offset terminal” is disclosed, see Background of the Invention page 1 line 25 to page 2 line 10.

3. Claims 1-3, 5-9, 11-15 is rejected under 35 U.S.C. 102(b) as being anticipated by O'Toole (US 3,663,745).

**Claim 1:**

The claimed "a video decoder coupled to the processing circuitry and adapted to process the analog television signal, the video decoder adapted to provide luminance signal restoration and configured with a luminance voltage offset reference terminal adapted to aid in the luminance signal restoration" is disclosed, see Fig. 1 item 13;

"and a circuit for luminance signal restoration in an analog television signal video decoder which is coupled to the luminance voltage offset terminal" is disclosed, see Fig. 1 item 14.

Claim 2 is disclosed, see the parallel circuit forms by items 25, 26, and 27 of Fig. 1.

Claim 3 is disclosed, see Fig. 1 items 37 (first capacitor), 29 41, and 38 (first resistor in series with a second capacitor), 39 (third capacitor).

Claim 5 is disclosed, see items 29, 41, 38 of Fig. 1.

Claim 6 is disclosed, see Fig. 1 items 17, 18, 19

**Claim 7:**

O'Toole discloses:

"a video decoder having a luminance restoration terminal in communication with luminance restoration circuitry, and a circuit for luminance signal restoration circuitry (see Fig. 1 items 13, 14) comprising: a first circuit branch (branch forms by item 25); a second circuit branch (branch forms by item 26); a third circuit branch (branch forms by item 27); and wherein said first, second, and third branches are in parallel.

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Claim 8 is disclosed, see Fig. 1 items 37 (first capacitor), 29, 41 and 38 (first resistor in series with a second capacitor), 39 (third capacitor).

Claim 9 is disclosed, see Fig. 1 items 37 (first capacitor), 29, 41 and 38, 39 (third capacitor).

Claim 11 is disclosed, see Fig. 1 items 17, 18, 19.

**Claim 12:**

O'Toole discloses:

“the signal decoding integrated circuit having luminance signal restoration capabilities and a luminance voltage offset terminal, and a luminance signal restoration circuit (see Fig. 1 items 13, 14) comprising: a first circuit branch (branch that includes items 25, 17 of Fig. 1) configured to attenuate a first frequency; a second circuit branch (branch that includes items 26, 18) configured to attenuate a second frequency; a third circuit branch (branch that includes items 27, 19) configured to attenuate a third frequency.

Claim 13 is disclosed, see the circuit branches that includes items 25, 26, and 27 of Fig. 1.

Claim 14 is rejected for the same reasons as claim 8.

Claim 15 is rejected for the same reasons as claim 9.

***Allowable Subject Matter***

4. Claims 4, 10, 16 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean W. Désir whose telephone number is (703) 308 9571. The examiner can normally be reached on 5/4/9 - First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Miller can be reached on (703) 305 4795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
MICHAEL H. LEE  
PRIMARY EXAMINER

**JWD**  
**Sep. 7, 04**